

Fish and Wildlife Reference Service Newsletter

Number 137
Summer 2003



PLEASE CIRCULATE

Suite 110
5430 Grosvenor Lane
Bethesda, MD 20814-2142
800-582-3421
Maryland 301-492-6403
FAX (301) 564-4059
E-mail: fw9_fa_reference_service@fws.gov
<http://fa.r9.fws.gov/r9fwrs/>
Operated by THE KRA Corporation
Silver Spring, MD

FAIMS Now on the Web

Researchers have found the **Reference Service** a valuable source for publications resulting from **Federal Assistance (FA)** grant research. In 1982, the Reference Service was tasked to add FA grant project information into a file on **DIALOG (CFAR - Current Federal Aid Research)**. CFAR later became the sole responsibility of FA, and was incorporated within **FAIRS (Federal Aid Information and Reporting System)**, a PC-based input/retrieval system, utilizing a LAN platform. With the further development of the Internet, and its information storage and retrieval capabilities, FAIRS was subsequently incorporated into **FAIMS (Federal Aid Information Management System)**. **FAIMS** is now available on the Internet at: <http://faims.fws.gov>.

Since 1999, USFWS staff has used FAIMS to administer grant programs providing for conservation of natural resources. This website contains information collected from various documents submitted by grant applicants. Most of the site content is dynamic, since data comes from a national database that is updated within a couple of hours of when data are entered. Grantee staff, registered to have access to more details than the general public, will use this web site to track the status of grant applications or to obtain up-to-date financial information about existing grants.

Upon entering the website, public viewers are provided access to four tabs:

(1) **iFAIMS HOME PAGE TAB** - a brief site explanation

(2) **REPORTS TAB** - links to query screens for:

- ◆ **National Summary of Accomplishments** - lists of accomplishments collected from performance reports submitted by grantees which are categorized by activities.
- ◆ **State Report** - narrative descriptions of grants awarded in a particular geopolitical area and grant program having start dates within a specified federal fiscal year.
- ◆ **Grant Agreement List with Cost** - grants awarded to entities geographically located within a specified State or Country which have ending dates within the specified date range.
- ◆ **Preliminary Apportionment Report** - summaries of how preliminary funds apportioned to each state were distributed to various programs, and insight into how funds apportioned under the Wildlife and Sport Fish Restoration Acts are utilized.
- ◆ **Final Apportionment Report** - summaries of how final funds apportioned to each state were distributed to various programs, and insight into how funds apportioned under the Wildlife and Sport Fish Restoration Acts are utilized.

(3) **QUERY TAB** - Look up grant specific information by state/country, grant program, and/or individual agency. Clicking blue numbers or words within generated list provides more detailed information such as the grant agreement duration, objective/benefits, funding, and location. Other links provide individual grant Project Descriptions, Fiscal Transaction Summaries, Accomplishment Details, or a Grant Record Report.

(4) **HELP TAB** - Information on queries and reports.

NEW REPORTS

MAMMALS



1. **Food Habits of Coyotes Inhabiting the Black Hills and Surrounding Prairies in Western South Dakota.** Gerads, J.R.; Jenks, J.A.; Watters, B.K. *Proc. SD Acad. of Sci.* 2001. pp. 95-108 (14 pp.). Vol. 80. /1 mf/. MIN 400320139
2. **Using Black Bears to Test Ideal-Free Distribution Models Experimentally.** Beckmann, J.P.; Berger, J. *J. of Mammal.* 2003. pp. 594-606 (13 pp.). Vol. 84, No. 2. /1 mf/. MIN 270320140
3. **Mitochondrial Phylogeography of Moose (*Alces alces*) in North America.** Hundertmark, K.J., et al. *J. of Mammal.* 2003. pp. 718-728 (11 pp.). Vol. 84, No. 2. /1 mf/. MIN 800320141
4. **Genetic Variation in Black Bears in Arkansas and Louisiana Using Microsatellite DNA Markers.** Csiki, I., et al. *J. of Mammal.* 2003. pp. 691-701 (11 pp.). Vol. 84, No. 2. /1 mf/. MIN 800320142
5. **Body Weight and Rumen-Reticulum Capacity in Tule Elk and Mule Deer.** Weckerly, F.W., et al. *J. of Mammal.* 2003. pp. 659-664 (6 pp.). Vol. 84, No. 2. /1 mf/. MIN 040320143
6. **Black Bear Home-Range Sizes in Washington: Climatic, Vegetative, and Social Influences.** Koehler, G.M.; Pierce, D.J. *J. of Mammal.* 2003. pp. 81-91 (11 pp.). Vol. 84, No. 1. /1 mf/. MIN 460320144
7. **Prevalence of *Giardia intestinalis* in Illinois Beavers.** McNew, L.B.; Nelson, T.A.; McTaggart, S.T. *Trans. of the IL State Acad. of Sci.* 2003. pp. 113-118 (6 pp.). Vol. 96, No. 2. /1 mf/. MIN 120320145
8. **Time to Reduction: Factors Influencing Management Efficacy in Sterilizing Overabundant White-tailed Deer.** Merrill, J.A., et al. *J. of Wildl. Manage.* 2003. pp. 267-279 (13 pp.). Vol. 67, No. 2. /1 mf/. MIN 310320146
9. **Sampling Designs for Carnivore Scent-Station Surveys.** Sargeant, G.A., et al. *J. of Wildl. Manage.* 2003. pp. 289-298 (10 pp.). Vol. 67, No. 2. /1 mf/. MIN 220320147
10. **Estimating Cougar Predation Rates from GPS Location Clusters.** Anderson, C.R.; Lindzey, F.G. *J. of Wildl. Manage.* 2003. pp. 307-316 (10 pp.). Vol. 67, No. 2. /1 mf/. MIN 490320148
11. **Effects of Tooth Extraction on Body Condition and Reproduction of Mule Deer.** Bleich, V.C., et al. *Wildl. Soc. Bull.* 2003. pp. 233-236 (4 pp.). Vol. 31, No. 1. /1 mf/. MIN 040320149

12. **Estimating Black Bear Population Density and Genetic Diversity at Tensas River, Louisiana Using Microsatellite DNA Markers.** Boersen, M.R., et al. *Wildl. Soc. Bull.* 2003. pp. 197-207 (11 pp.). Vol. 31, No. 1. /1 mf/. MIN 170320150

13. **Evaluation of a DNA Microsatellite Panel Useful for Genetic Exclusion Studies in White-tailed Deer.** DeYoung, R.W., et al. *Wildl. Soc. Bull.* 2003. pp. 220-232 (13 pp.). Vol. 31, No. 1. /1 mf/. MIN 800320151

14. **Grizzly Bear Management: 2001 Annual Report, Region 1, Montana Fish, Wildlife and Parks.** Manley, T. 2001. 28 pp. /1 mf/. MIN 250380063

15. **Long-term Impact of White-tailed Deer on Community Structure and Biodiversity in Mississippi.** Demarais, S., et al. *MS Dept. of Wildl., Fish., and Parks. Final Report.* 2003. 156 pp. /2 mf/. MIN 230330022

BIRDS



16. **Mass Loss from Mallard Eggs Incubated in Nest Structures.** Zicus, M.C., et al. *Wildl. Soc. Bull.* 2003. pp. 270-278 (9 pp.). Vol. 31, No. 1. /1 mf/. MIN 220320135

17. **Use of North American Breeding Bird Survey Data to Estimate Population Change for Bird Conservation Regions.** Sauer, J.R., et al. *J. of Wildl. Manage.* 2003. pp. 372-389 (18 pp.). Vol. 67, No. 2. /1 mf/. MIN 800320136

18. **Survival and Recovery Rates of American Woodcock Banded in Michigan.** Kremetz, D.G., et al. *J. of Wildl. Manage.* 2003. pp. 398-405 (8 pp.). Vol. 67, No. 2. /1 mf/. MIN 210320137

19. **Effects of Backpack Radiotags on Female Northern Pintails Wintering in California.** Fleskes, J.P. *Wildl. Soc. Bull.* 2003. pp. 212-219 (8 pp.). Vol. 31, No. 1. /1 mf/. MIN 040320138

20. **Black Ducks and Their Chesapeake Bay Habitats: Proceedings of a Symposium.** Perry, M.C. (Ed.) *USGS. Infor. and Tech. Report USGS/BRD.ITR-2002-0005.* 2002. 54 pp. /1 mf/. MIN 800380061

21. **Survival, Spatial Ecology and Habitat Use of Male Ring-necked Pheasants in South Dakota.** Leif, A.P. *SD Dept. of Game, Fish and Parks. Game Report. Compl. Report 2003-08.* 2003. 64 pp. /1 mf/. MIN 400380062

22. **Status and Management of Canada Geese in Northeastern Illinois.** Paine, C.R., et al. *IL DNR. Final Report.* 2003. 172 pp. /2 mf/. MIN 120330020

(continued on page 6)

23. Population Ecology of Quail: Quail Population Dynamics During Breeding Season on MDC Lands under 3 Habitat Management Strategies. Dailey, T.V. MO Dept. of Conserv. Final Report. M.S. Thesis (E.M. Call). Univ. of MO-Columbia. 2002. 94 pp. /1 mf/. MIN 240330021

FISHES

24. Biology of White Bass in Eastern South Dakota Glacial Lakes. Willis, D.W., et al. N. Am. J. of Fish. Manage. 2002. pp. 627-636 (10 pp.). Vol. 22. /1 mf/. MIN 400310081

25. Comparison of Two Mesh Sizes for Collecting Larval Yellow Perch in Surface Trawls. Isermann, D.A., et al. N. Am. J. of Fish. Manage. 2002. pp. 585-589 (5 pp.). Vol. 22. /1 mf/. MIN 400310082

26. Further Evidence That Lake Trout Displace Bull Trout in Mountain Lakes. Fredenberg, W. Intermountain J. of Sci. 2002. pp. 143-152 (10 pp.). Vol. 8, No. 3. /1 mf/. MIN 250310083

27. Use of Ocean and Estuarine Habitats by Young-of-Year Bluefish (*Pomatomus saltatrix*) in the New York Bight. Able, K.W., et al. Fishery Bull. 2003. pp. 201-214 (14 pp.). Vol. 101. /1 mf/. MIN 290310084

28. A Recreational Fishery Survey of Conesus Lake with Emphasis on the Spring Walleye Fishery. Sanderson, M. NYSDEC. 2003. 44 pp. /1 mf/. MIN 310340052

29. Whirling Disease Investigations. Nehring, R.B.; Thompson, K.G. CO Div. of Wildl. Job Prog. Report. 2002. 376 pp. /4 mf/. MIN 050340053

30. Evaluation of Length Limits on Largemouth and Spotted Bass Populations and Angling in Kansas State Fishing Lakes. Mosher, T.D. KS Dept. of Wildl. and Parks. Final Report. 2002. 34 pp. /1 mf/. MIN 150340054

31. Lake Pend Oreille Fishery Recovery Project. Maiolie, M.A., et al. ID Dept. Fish and Game. Compl. Report No. 02-56. 2002. 110 pp. /2 mf/. MIN 110340055

32. Paddlefish Use and Harvest Survey Below Gavins Point Dam, South Dakota Utilizing a Limited-Entry Tag/Permit System, 1997-2001. Stone, C.; Sorensen, J. SD Dept. of Game, Fish and Parks. Prog. Report No. 02-02. 2002. 78 pp. /1 mf/. MIN 400340056

33. Inland Fisheries Research and Management: Establishment and Assessment of Walleye Fisheries in Connecticut. Orciari, R.D., et al. CT Bureau of Nat. Res. Final Report. 2001. 72 pp. /1 mf/. MIN 060340057

34. Comprehensive Evaluation and Modification of the South Dakota Angler Creel Program. Soupir, C.A.;

Brown, M.L. SD Dept. of Game, Fish and Parks. Compl. Report No. 02- 10. 2002. 106 pp. /2 mf/. MIN 400340058

35. Characterization of the Catfish Fisheries in a Coosa River Impoundment and Associated Tailwaters. Irwin, E.R., et al. AL Dept. of Conserv. and Nat. Res. Job Perform. Report. 2003. 64 pp. /1 mf/. MIN 010350011

36. Sandhill Lakes Fisheries Management Project. Factors Affecting Panfish Populations in Sandhill Lakes. Food Habits of Fish in Nebraska Sandhill Lakes: Bioenergetics Modeling. Paukert, C.P., et al. NE Game and Parks Comm. Final Report. 2003. 44 pp. /1 mf/. MIN 260350012

37. Life History of Pecos Pupfish (*Cyprinodon pecosensis*) in Bitter Lake National Wildlife Refuge, New Mexico. Farrington, M.A.; Brandenburg, W.H. NM Dept. of Game and Fish. 2003. 96 pp. /1 mf/. MIN 300350013

38. Factors Affecting Survival of Stocked Walleye in New York Lakes: The Final Year Stocking. Brooking, T.E., et al. NYSDEC. Perform. Report. 2002. 40 pp. /1 mf/. MIN 310350014

39. Illinois Trophy Muskellunge Project: Hatchery Production of All-Female Muskellunge. Heidinger, R., et al. IL DNR. Final Report. 2003. 76 pp. /1 mf/. MIN 120350015

HUMAN DIMENSIONS

40. Social Learning for Collaborative Natural Resource Management. Schusler, T.M., et al. Society and Natural Resources. 2003. pp. 309-326 (18 pp.). Vol. 15. /1 mf/. MIN 800320131

41. The 2001 Economic Benefits of Watchable Wildlife Recreation in West Virginia. WV Div. of Nat. Res. Prepared by Southwick Assoc., Inc. 2002. 22 pp. /1 mf/. MIN 470380057

42. The 2001 Economic Benefits of Watchable Wildlife Recreation in Florida. FL Fish and Wildl. Conserv. Comm. Prepared by Southwick Assoc., Inc. 2003. 28 pp. /1 mf/. MIN 090380058

43. The 2001 Economic Benefits of Hunting, Fishing and Wildlife Watching in Texas. TX Parks and Wildlife Dept. Prepared by Southwick Assoc., Inc. 2003. 46 pp. /1 mf/. MIN 420380059

44. Adaptive Impact Management: An Integrative Approach to Wildlife Management. Riley, S.J., et al. Human Dimension of Wildlife. 2003. pp. 81-95 (15 pp.). Vol. 8. /1 mf/. MIN 800320132

BULLETIN BOARD

A Guide to Creating Vernal Ponds, by Thomas R. Biebighauser, provides information on building and maintaining an ephemeral wetland. Techniques described have been used successfully in Kentucky, Ohio and Minnesota, drawing from basic pond building principles, coupled with the concepts of vernal pond ecology. **Copies are available from: USDA Forest Service, 2375 KY Highway 801 South, Morehead, KY 40351; Phone (606) 784-6428. To view an online version, or to download an order form, visit: <http://www.southernregion.fs.fed.us/boone/>.**

Best Management Practices (BMPs) for trapping coyotes in the eastern United States are now available online at: <http://www.furbearermgmt.org/03ecbmq.pdf>. These are the first of many BMPs written and published by the Furbearer Resources Technical Work Group (FRTWG) of the International Association of Fish and Wildlife Agencies. The website for the FRTWG is located at: <http://www.furbearermgmt.org>.

Copies of the **Proceedings of the Sixth Mountain Lion Workshop** are available for purchase. Cost: \$10.00. For information, contact: Louis A. Harverson, Sul Ross State University, P.O. Box C-16, Alpine, TX 79832; (432) 837-8098, FAX: (432) 837-8409; E-mail: harverson@sulross.edu; Website: www.sulross.edu/~nrm.

The Rifle & Shooting and Fishing, 1885~1906 (45 volumes in 42 books) and a 3-volume index are now available. This inclusive index combines *The Rifle* (May 1885 - June 1888) with *Shooting & Fishing* (July 1888 - December 1906), and includes entries pertaining to other pursuits, such as archery, camping, canoeing, photography, and snow-shoeing. Cost: \$5,000 for the entire set or \$275/month (2 books/month). For information or to order, contact: Broadfoot Publishing Company, 1907 Buena Vista Circle, Wilmington, NC 28411-7892; (910) 686-4816; FAX: (910) 686-4452; E-mail: bpc@ec.rr.com; Website: www.broadfootpublishing.com.

"The Eastern Cougar Conference, 2004", will be held April 29th - May 1st, in Morgantown, West Virginia. This special conference is being organized jointly by the Eastern Cougar Foundation (ECF) and the American Ecological Research Institute (AERIE). For information, contact: Dr. Jay Tischendorf, AERIE, P. O. Box 1826, Great Falls, MT 59403; E-mail: Jay_Tischendorf@Merck.com.

The **21st Biennial Pronghorn Workshop** will be held 1-4 May 2004 at the Radisson Hotel, Bismarck, ND. For information contact: Bill Jensen, ND Game and Fish Dept., 100 North Bismarck Expressway, Bismarck, ND 58501; (701) 328-6637; E-mail: bjensen@state.nd.us; Website: www.discovernd.com/gnf by August 2003.

45. **Managing Elk in the Wildland-Urban Interface: Attitudes of Flagstaff, Arizona Residents.** Lee, M.E.; Miller, R. Wildl. Soc. Bull. 2003. pp. 185-191 (7 pp.). Vol. 31, No. 1. /1 mf/. MIN 020320133

46. **Integrating Public Values Toward Wildlife into Land Use Planning: A Case Study in La Plata County, Colorado.** Layden, P.C., et al. Wildl. Soc. Bull. 2003. pp. 174-184 (11 pp.). Vol. 31, No. 1. /1 mf/. MIN 050320134

47. **Cooperative Wildlife Projects - Intensive Research Project From Auburn University. Deer Hunters with Physical Disabilities: Motivations, Satisfactions, and Agency Perspectives.** Grilliot, A.L.; Armstrong, J.B. AL Div. of Wildl. and Freshwater Fisheries. 2003. 34 pp. /1 mf/. MIN 010330019

48. **Bowhunting in the U.S.: A Market Study.** Duda, M.D., et al. Responsive Management and Southwick Assoc. 2002. 46 pp. /1 mf/. MIN 800380060

REPTILES

49. **Population Estimate, Habitat Associations, and Conservation of the St. Croix Ground Lizard (Ameiva)**

polops) at Protestant Cay, United States Virgin Islands. McNair, D.B. Caribbean J. of Sci. 2003. pp. 94-99 (6 pp.). Vol. 39, No. 1. /1 mf/. MIN 540320130

OTHER

50. **Strategic Plan for the Coordinated Intermountain Restoration Project.** Pyke, D.A.; Pellant, M. USGS. Infor. and Tech. Report USGS/BRD/ITR-2002-0011. 2002. 22 pp. /1 mf/. MIN 800380056

FISH AND WILDLIFE REFERENCE SERVICE

Paul Wilson.....	Project Manager
Geoffrey Yeadon.....	Index. Spec./Search Analyst
Jason Fish.....	Index. Spec./Search Analyst
Haroutioun Assarian.....	Production Clerk
Stephanie Dodson	Production Clerk

The Fish and Wildlife Reference Service Newsletter is issued by The KRA Corporation. KRA operates this Service under a contract with the U.S. Fish and Wildlife Service. **Contractual information can be obtained by calling Chris McKay, Project Officer at (703) 358-2542.** This information retrieval system selectively covers the published and unpublished research reports resulting from the Federal Aid in Sport Fish and Wildlife Restoration Programs, Clean Vessel Act, Multistate Conservation Grants, and other Programs administered by the Division of Federal Aid.

The publication herein of material selected from sources outside the Fish and Wildlife Service is not to be construed as an endorsement thereof, and does not necessarily reflect the views of the USFWS.

Fish and Wildlife Reference Service

5430 Grosvenor Lane, Suite 110
Bethesda, MD 20814-2142

PRSR STD
U.S. Postage
PAID
Suburban MD
GMF
Permit No.
4041

Reader Service Slip

FWRS FAX (301) 564-4059

Please use this form to order from Newsletter 137

Circle the newsletter article number(s) of your choice from the New Reports Listings.

DEFINITIONS

COOPERATORS: Employees of U.S. State or Federal agencies and Native American Governments with an interest in natural resources.

CLIENTS (MUST PREPAY): All other persons who have a need for or interest in Fish and Wildlife Reference Service Materials.

Cooperator invoices are shipped with documents.

PLEASE PAY WITHIN 90 DAYS

SERVICE

Photocopy of reports

Microfiche of reports

Literature search

Postage

COOPERATORS

200 pages or

one report*

20 fiche*

No Charge

No Charge*

CLIENTS

\$.10/page

\$.50/fiche

\$30 base

\$2.50 (All Canadian and foreign requests will be charged first class postage)

*Cooperators may request ONE REPORT (single-document order) OR 20 FICHE at NO CHARGE. Cooperators requesting multiple documents will receive 200 PAGES of the total pagination at NO CHARGE, but will be charged for every page over 200 pages at the client rate, plus \$2.50 postage.

MAILING ADDRESS INFORMATION

☐ PLEASE CORRECT NAME ON THE MAILING LIST

☐ PLEASE CORRECT ADDRESS ON THE MAILING LIST

☐ PLEASE ADD MY NAME TO THE MAILING LIST, BUT DO NOT DELETE NAME ON LABEL

☐ PLEASE REPLACE NAME ON LABEL WITH MY NAME

☐ PLEASE REMOVE MY NAME FROM THE MAILING LIST

NAME _____

☐ Client (must prepay) ☐ Cooperator (check one)

TITLE _____ PHONE # () _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Funding Agency/Company Name
(if not given in address) _____

FORMAT: Please send the requests circled below in ☐ Microfiche ☐ Photocopy

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

41 42 43 44 45 46 47 48 49 50

CAUTION: UNSIGNED REQUESTS AND REQUESTS WITHOUT FORMAT SELECTED WILL NOT BE FILLED.

Ordered by: _____

I understand there may be charges.

☐ Payment enclosed (U.S. Dollars Only) include \$2.50 postage. Please do not send cash.

☐ Credit Card: (CIRCLE ONE) VISA MASTER CARD DISCOVER AMERICAN EXPRESS

Card #: _____ Expire Date: _____

Photocopies of this slip are acceptable. Please submit entire page, cut slips will be returned.

**SUMMER
NL 137**